Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 11 Aug 2023 until 23:59 on Saturday 12 Aug 2023

Forecast Issued on Friday 11 Aug 2023 at 00:18

Confidence: High confidence for a trend towards cooler and more unsettled conditions through the period. Lower confidence in the details of showers or rain, and for the extent of low cloud.

Headline for Friday 11 Aug 2023: Cloud and rain clearing to bright or sunny spells and a few showers.

Mountain weather hazards on Friday 11 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability					
30%	10%	20%	30%	10%	<05%

Forecast for Friday 11 Aug 2023

Weather: Early cloud and drizzly rain will soon clear from the west through the early morning. Brightening up during the morning with sunny spells developing widely. A few well-scattered and short-lived showers likely developing through the afternoon, blowing through quickly given the fresh and blustery winds. Dry by the evening, with skies clearing. Perhaps cloud thickening with some showers towards midnight. Feeling warm, especially in the valleys.

Chance of cloud-free hill tops above 600m: 30% in the west and 60% in the east initially. Becoming 90% everywhere by mid-morning.

Low Cloud and visibility: Extensive low cloud in association with early bands of showery rain, bases around 400-600m. Cloud lifting and breaking above the summits by mid-morning. Scraps of low cloud may briefly shroud the highest summits in the vicinity of showers. Visibility good or very good, but moderate to poor in rain or showers and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 11 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 SW	19/26 SW	20/28 SW	20/28 SW	19/27 SW	16/24 SW	16/23 S
300	12/24 SW	14/25 SW	14/27 SW	14/27 SW	11/24 SW	7/20 SW	7/17 S
Valley	11/23 SW	11/22 SW	14/26 SW	14/27 SW	11/23 SW	6/18 S	8/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/9	12/9	14/10	15/11	14/10	12/9	11/8
300	15/13	15/13	18/15	18/15	16/14	14/13	13/12
Valley	16/14	16/14	19/16	19/16	18/16	15/15	15/14
Freezing Level*	2200m	2000m	2100m	2300m	2200m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels are expected to be moderate to high, and feeling warm, so sun protection and adequate hydration is advisable. Feeling blustery on elevated or exposed routes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 11 Aug 2023	1mm	1mm	1.2mm

Forecast for Saturday 12 Aug 2023

Weather: Cloudy spells and isolated showers early on. Cloud soon building with organised bands of heavy, showery, rain pushing across the Dales from late-morning. Showers perhaps heavy at times, with a risk of thunder. Showers largely fading late on. Cooler.

Maximum wind: South or southwest 20-25mph, gusting 35-40mph.

Chance of cloud-free hill tops above 600m: 40% at first. Improving to 70% by early afternoon.

Low Cloud and visibility: Cloud bases of around 600m in the early morning. Bases lowering in association with the organised bands of heavy, showery rain to 500-600m. Cloud lifting gradually through the morning, but bases may lower in the vicinity of afternoon showers to 600-800m, briefly covering the highest routes and tops. Visibility mainly good, but moderate to poor in any heavier showers or downpours and very poor in low cloud covering the hills.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 21 Celsius.
At 600m: Plus 12 Celsius.
Freezing level: Remaining well above summits.

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